



Harnessing Technology for Scalable Asset Management



Magnolia Garcia
Technical Solutions Executive

Technical Solutions Executive, Utilities & Natural Resources



Michael Penfold
Technical Solutions Executive, Cloud



Why We Need to Digitalise

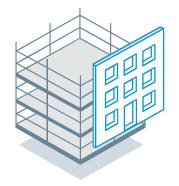
The cost of doing nothing



TEAMS

35%

of **time is wasted** on nonoptimal activities (14+ hours/person/week)



PROJECTS

\$280B

industry annual **rework costs**caused by poor project data
and communication



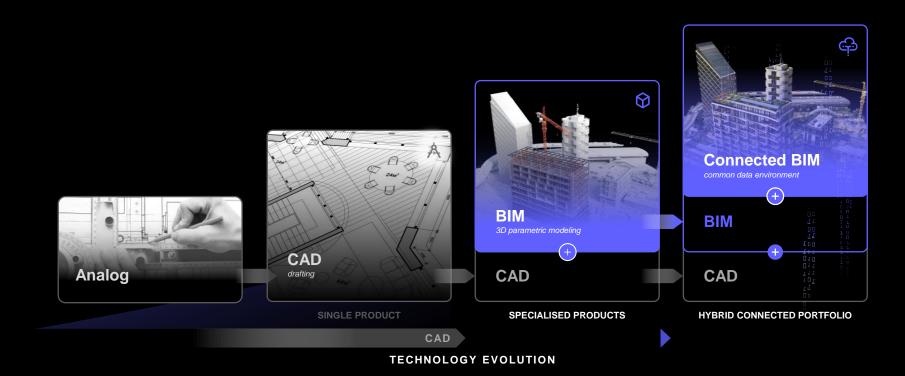
BUSINESS

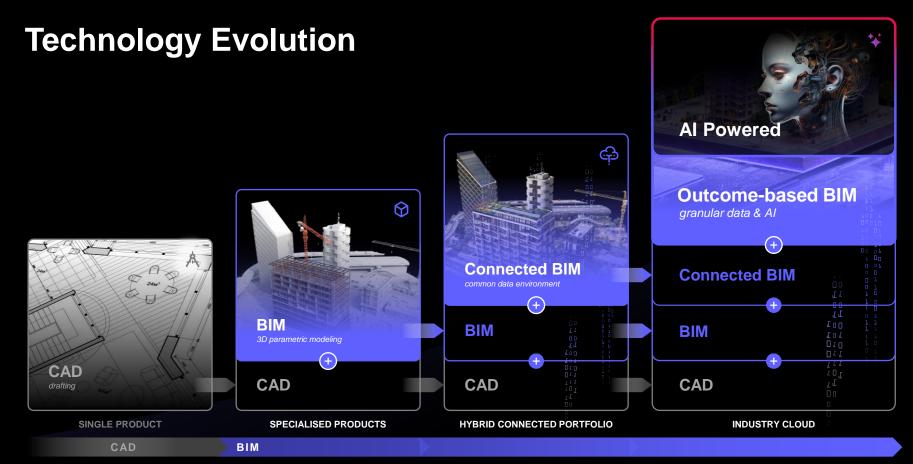
95.5%

of all **data goes unused** in engineering & construction



Technology Evolution





TECHNOLOGY EVOLUTION

Digital Thread RENOVAT DES OPERAL ANNING



INFORMED DESIGN EXPLORATION



MANAGE, REUSE AND SHARE DATA



DESIGN FOR MANUFACTURING AND ASSEMBLY



AUTOMATE/ELIMINATE REPETITIVE TASKS



MAINTAIN DIGITAL CONTINUITY THROUGHOUT LIFECYCLE

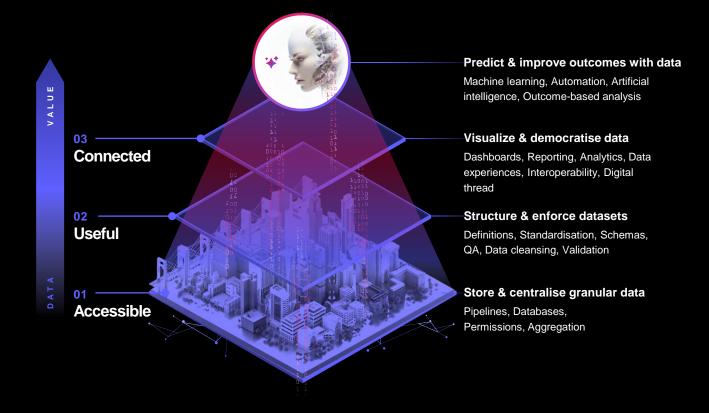


CLIMATE RESILIENCE AND SUSTAINABILITY

Autodesk Connected Data Strategy



Unlocking the power of digitalisation starts with a foundation of better DATA



FROM PILOT TO PROGRESS

Problem Let's Go Back to the Start...

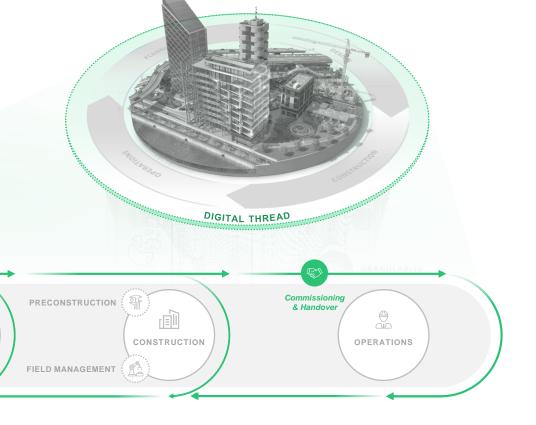
Existing Infrastructure & Assets

PLANNING

Unverified, Outdated site or Asset information

DESIGN

Information Silos



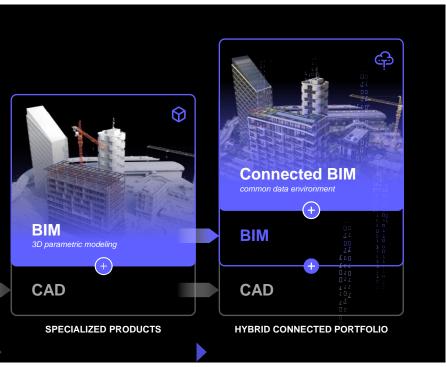
Solution

How technology was leveraged for the heavy lifting

- 3D Models (Visibility of Design Intent)
- Data Storage | Standard Content
- Common Data Environment (CDE)
- Scaling to Digitisation







Results

Quantifiable (Measurable)

- Verified Site Conditions
- Connected, Collated & Referenced Information
- Asset Maintenance

Qualifiable (Observational)

- Remove 'Waste'
- Today's & Future Workforce



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We have such a long way to go, but always look back on how far you've come.





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Utilities & Natural Resources
Magnolia.Garcia@autodesk.com



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Michael.penfold@autodesk.com